



NSPB Series

The ultimate solution for demanding level control. Multi-function level switches in standard lengths, delivering outstanding performance.

- Impact resistant terminal box, IP67
- Universal mounting, G1" & flange
- Standard lengths and functions*



HM 2511

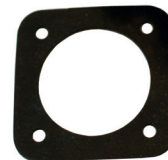
Sensors with REED technology without power consumption, manufactured with the highest quality in our ISO-certified factory in Roslagen, Sweden.

General description:

NSPB. The float level switches are available with up to five functions in the same unit. It can also be combined with a built-in temperature sensor or overtemperature protection. Suitable for most kinds of liquids.

Construction:

Terminal box with waterproof screw lid, protection class IP67. Terminals with spring-loaded connection for mounting your own cable. G1" threaded connection and flange provide two options for mounting. Ø12mm probe in SUS-316, floats in NBR.



* See our range of NSBP standard switches on our website. Other models on request. Variants with (e.g. other switch point length) can be added, m.o.q. 10 pcs.

O: NO, open at low level, closes rising
S: NC, closed at low level, opens rising
V: NO/NC, change-over

T: Overtemperature protection. NC, opens rising at 70°C ±5
T1: Built-in temperature sensor Pt100
T3: Built-in temperature sensor Pt1000
T8: Built-in temperature sensor, 0-10V -20...100°C

HEMOMATIK Sweden

Liquid level switch with PT1000

O=400mm

Art.nr.
NSPB1-O400-T3

Drawing nr.
NSPB1-O400-T3

Rev.
1

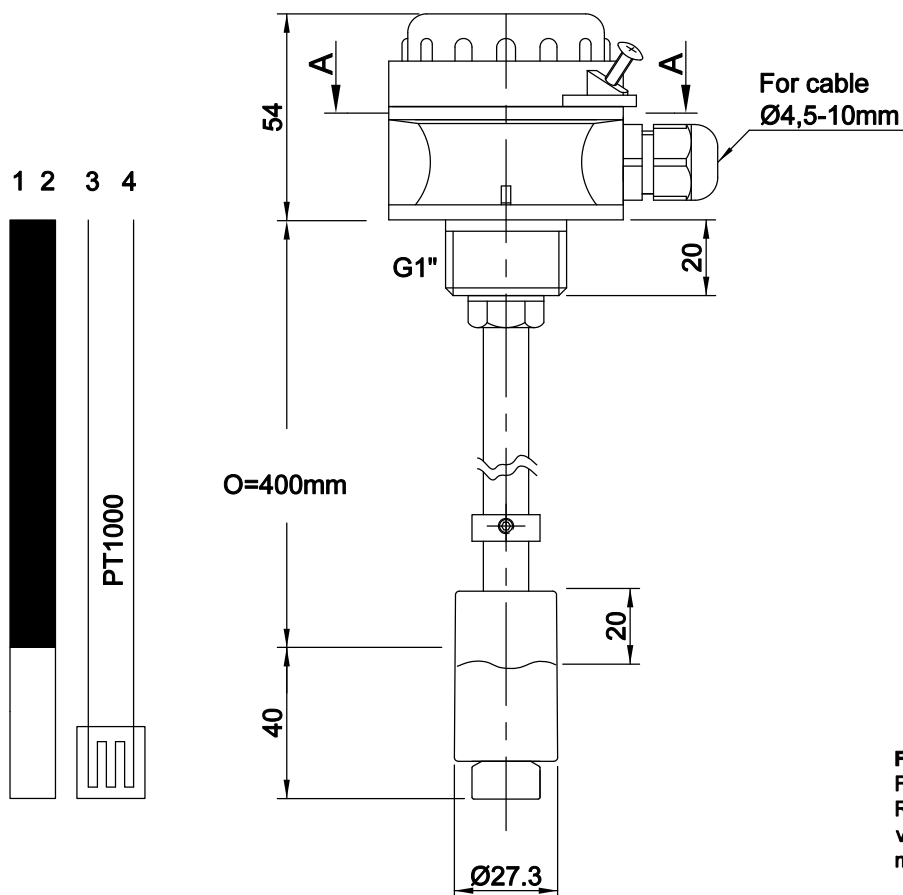
Approved
MEM 191125

Scale
1:2

Date
191121

Sign.
AN

Rev. date
251113



TEMPERATURE SENSOR PT 1000 DIN60751 KLASSE B

-20°C	922 ohm
-10°C	961 ohm
0,0°C	1000 ohm
10°C	1039 ohm
20°C	1078 ohm
30°C	1117 ohm
40°C	1155 ohm
50°C	1194 ohm
60°C	1232 ohm
70°C	1271 ohm
80°C	1309 ohm
90°C	1347 ohm
100°C	1385 ohm

FEATURES

Float liquid level sensor with REED-technology to activate pumps or valves via relays or PLC. Suitable for most kinds of liquids.

MATERIALS

Stem : SUS-316
Float : Buna-N (nitrofuel), S.G. 0,42
Junction box : Polyamid 6
Gasket : Nitrile
Temp. media : -20...+100°C
Temp. ambient : -20...+70°C

CONTACT SYMBOLS

O = means NO low, NC going upwards

TEMPERATURE SENSOR

PT 1000 Sensor according to DIN EN 60751, Class B

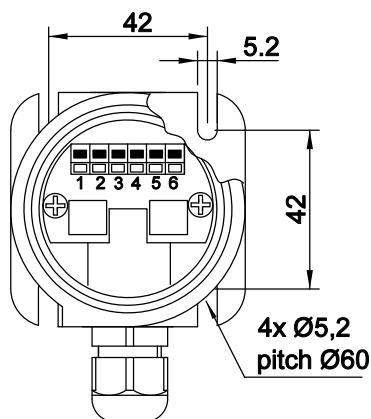
PROTECTION DEGREE

Terminal box : IP67
Stem : IP68

ELECTRICAL MAX DATA

Contact rating *	70 VA
Supply voltage	3-48 VAC/DC
Current	1,5 A

* = resistive load



Section A-A

☒ = Switch closed

☐ = Switch open